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**CENTRAL FAX CENTER****SEP 05 2006****FAX TRANSMISSION****DATE:** September 5, 2006**PTO IDENTIFIER:** Application Number 10/712,045-Conf. #9218

Patent Number

**Inventor:** Li-Duan TSAI et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** BIRCH, STEWART, KOLASCH & BIRCH, LLP

Joe McKinney Muncy

**PHONE:** (703) 205-8026**Attorney Dkt. #:** 3313-1056P**PAGES (Including Cover Sheet):** 43**CONTENTS:**

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Substitute Specification (12 pages)  
Marked-up Substitute Specification (13 pages)

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PTO/SB/17 (07-08)  
Approved for use through 01/31/2007. OMB 0851-0032  
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Effective on 12/02/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL

### For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b> 120.00
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Complete if Known	
Application Number	10/712,045-Conf. #9218
Filing Date	November 14, 2003
First Named Inventor	Li-Duan TSAI
Examiner Name	K. M. Vijayakumar
Art Unit	1751
Attorney Docket No.	3313-1056P

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**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolusch & Birch, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
20	- 20 = 0	x 50.00 =	0.00			
HP = highest number of total claims paid for, if greater than 20.						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
2	- 3 = 0	x 200.00 =	0.00			
HP = highest number of independent claims paid for, if greater than 3.						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/50	(round up to a whole number) x	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1251 Extension for response within first month 120.00

**SUBMITTED BY**

Signature <u>Joe McKinney Muncy</u>	Registration No. (Attorney/Agent) 32,334	Telephone (703) 205-8026
Name (Print/Type) Joe McKinney Muncy	Date September 5, 2006	

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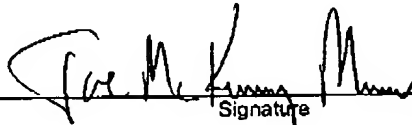
Application No. (if known): 10/712,045

Attorney Docket No.: 3313-1056P

## Certificate of Transmission under 37 CFR 1.8

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on September 5, 2006  
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